



Australian Government

**Assessment Requirements for
PMBPROD370E Produce injection blow
moulded products**

Release: 1

Assessment Requirements for PMBPROD370E Produce injection blow moulded products

Modification History

Release 1. Unit code changed. Application changed. Elements and Performance Criteria changed. Range of Conditions removed. Assessment Requirements changed. Supersedes and is equivalent to PMBPROD370 Produce injection blow moulded products.

Performance Evidence

There must be evidence the candidate has completed the tasks outlined in the elements and performance criteria of this unit, and demonstrated the ability to:

- produce injection blow moulded products at least once to meet job specifications.

Knowledge Evidence

There must be evidence the candidate has knowledge of:

- the functions of injection blow moulding equipment and machine components
- the characteristics and properties of plastic materials and additives commonly used in this moulding/manufacturing process:
 - physical and end-use applications
 - operating temperatures during processing
 - chemical resistance
- the principles of operation of injection blow moulding equipment and ancillary equipment
- mechanical, hydraulic, pneumatic, electrical and electronic principles that affect machine operation, and their respective safety hazards
- injection blow moulding manufacturing process and sequences of the cycle
- the criteria for overall process/equipment readiness for the process or equipment being used
- typical quality standards required at each stage of production
- key variables that may affect product quality and production output, including:
 - pre-form temperature
 - operating temperatures
 - machine cycle sequence times
 - primary and secondary pressures
 - set of the stretch
- typical and atypical process and product problems, including early warning signs, possible causes and corrective actions
- organisational procedures relevant to the work environment or job role, including procedures for the emergency shutdown of equipment
- hazards that may arise in the job or work environment, and:

- their possible causes
- potential consequences
- appropriate risk controls.

Assessment Conditions

Skills must have been demonstrated in the workplace or in a simulated environment that reflects workplace conditions and contingencies.

Assessors must satisfy the NVR/AQTF mandatory competency requirements for assessors.

Links

Companion Volume implementation guides are found in VETNet --

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=932aacef-7947-4c80-acc6-593719fe4090>